

AMENDMENTS TO THE CLAIMS

This listing of Claims shall replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-24. (Cancelled)

25. (New) A multi-component display comprising:

a first display screen comprising a first plurality of pixels, wherein said first display screen is operable to display a first image using said first plurality of pixels, and wherein said first plurality of pixels comprises a first plurality of sub-pixels arranged in a first pattern; and

a second display screen comprising a second plurality of pixels, wherein said second display screen is operable to display a second image using said second plurality of pixels, wherein said second display screen overlaps said first display screen, and wherein said second plurality of pixels comprises a second plurality of sub-pixels arranged in a second pattern.

26. (New) The multi-component display of Claim 25, wherein said first plurality of pixels are arranged in a first tessellated pixel pattern, and wherein said second plurality of pixels are arranged in a second tessellated pixel pattern.

27. (New) The multi-component display of Claim 25, wherein said first plurality of pixels are arranged in a third pattern, and wherein said second plurality of pixels are arranged in a fourth pattern.

28. (New) The multi-component display of Claim 25, wherein said first display screen is selected from a group consisting of a liquid crystal display, a light emitting diode display, an organic light emitting diode display and a projection display device.

29. (New) The multi-component display of Claim 25, wherein said second display screen is selected from a group consisting of a liquid crystal display, a light emitting diode display, an organic light emitting diode display and a projection display device.

30. (New) The multi-component display of Claim 25 further comprising:
at least one interstitial layer disposed between said first and second display screens.

31. (New) The multi-component display of Claim 30, wherein said at least one interstitial layer comprises a diffuser.

32. (New) The multi-component display of Claim 25 further comprising:
a component operable to generate light to illuminate said first image and said second image.

33. (New) The multi-component display of Claim 25, wherein a first pixel of said first plurality of pixels has a first shape, and wherein a second pixel of said second plurality of pixels has a second shape.

34. (New) The multi-component display of Claim 25, wherein a first pixel of said first plurality of pixels has a border with a first curvature, and wherein a second pixel of said second plurality of pixels has a border with a second curvature.

35. (New) The multi-component display of Claim 25, wherein a first sub-pixel of said first plurality of sub-pixels has a first shape, and wherein a second sub-pixel of said second plurality of sub-pixels has a second shape.

36. (New) The multi-component display of Claim 25, wherein a first sub-pixel of said first plurality of sub-pixels has a border with a first curvature, and wherein a second sub-pixel of said second plurality of sub-pixels has a border with a second curvature.

37. (New) The multi-component display of Claim 25, wherein said first plurality of pixels comprises a first plurality of color filters arranged in a first pattern, and wherein said second plurality of pixels comprises a second plurality of color filters arranged in a second pattern.

38. (New) A multi-component display comprising:

a first display screen comprising a first plurality of pixels, wherein said first display screen is operable to display a first image using said first plurality of pixels, and wherein said first display screen further comprises a first black matrix with a first pattern;

a second display screen comprising a second plurality of pixels, wherein said second display screen is operable to display a second image using said second plurality of pixels, wherein said second display screen overlaps said first display screen, and wherein said second display screen further comprises a second black matrix with a second pattern.

39. (New) The multi-component display of Claim 38, wherein said first plurality of pixels are arranged in a first tessellated pixel pattern, and wherein said second plurality of pixels are arranged in a second tessellated pixel pattern.

40. (New) The multi-component display of Claim 38, wherein said first plurality of pixels are arranged in a third pattern, and wherein said second plurality of pixels are arranged in a fourth pattern.

41. (New) The multi-component display of Claim 38, wherein said first display screen is selected from a group consisting of a liquid crystal display, a light emitting diode display, an organic light emitting diode display and a projection display device.

42. (New) The multi-component display of Claim 38, wherein said second display screen is selected from a group consisting of a liquid crystal display, a light emitting diode display, an organic light emitting diode display and a projection display device.

43. (New) The multi-component display of Claim 38 further comprising:
at least one interstitial layer disposed between said first and second display screens.

44. (New) The multi-component display of Claim 43, wherein said at least one interstitial layer comprises a diffuser.

45. (New) The multi-component display of Claim 38 further comprising:
a component operable to generate light to illuminate said first image and said second image.

46. (New) The multi-component display of Claim 38, wherein a first pixel of said first plurality of pixels has a first shape, and wherein a second pixel of said second plurality of pixels has a second shape.

47. (New) The multi-component display of Claim 38, wherein a first pixel of said first plurality of pixels has a border with a first curvature, and wherein a second pixel of said second plurality of pixels has a border with a second curvature.

48. (New) The multi-component display of Claim 38, wherein said first plurality of pixels comprises a first plurality of sub-pixels, and wherein said second plurality of pixels comprises a second plurality of sub-pixels.

49. (New) The multi-component display of Claim 48, wherein a first sub-pixel of said first plurality of sub-pixels has a first shape, and wherein a second sub-pixel of said second plurality of sub-pixels has a second shape.

50. (New) The multi-component display of Claim 48, wherein a first sub-pixel of said first plurality of sub-pixels has a border with a first curvature, and wherein a second sub-pixel of said second plurality of sub-pixels has a border with a second curvature.

51. (New) The multi-component display of Claim 38, wherein said first plurality of pixels comprises a first plurality of color filters arranged in a first pattern, and wherein said second plurality of pixels comprises a second plurality of color filters arranged in a second pattern.

52. (New) A multi-component display comprising:
a first display screen comprising a first plurality of pixels, wherein said first display screen is operable to display a first image using said first plurality of pixels, and wherein said first display screen utilizes a first display technology;

a second display screen comprising a second plurality of pixels, wherein said second display screen is operable to display a second image using said second plurality of pixels, wherein said second display screen overlaps said first display screen, and wherein said second display screen utilizes a second display technology.

53. (New) The multi-component display of Claim 52, wherein said first plurality of pixels are arranged in a first tessellated pixel pattern, and wherein said second plurality of pixels are arranged in a second tessellated pixel pattern

54. (New) The multi-component display of Claim 52, wherein said first plurality of pixels are arranged in a first pattern, and wherein said second plurality of pixels are arranged in a second pattern.

55. (New) The multi-component display of Claim 52, wherein said first display technology is selected from a group consisting of a liquid crystal display, a light emitting diode display, an organic light emitting diode display and a projection display device.

56. (New) The multi-component display of Claim 52, wherein said second display technology is selected from a group consisting of a liquid crystal display, a light emitting diode display, an organic light emitting diode display and a projection display device.

57. (New) The multi-component display of Claim 52 further comprising:
at least one interstitial layer disposed between said first and second display screens.
58. (New) The multi-component display of Claim 57, wherein said at least one interstitial layer comprises a diffuser.
59. (New) The multi-component display of Claim 52 further comprising:
a component operable to generate light to illuminate said first image and said second image.
60. (New) The multi-component display of Claim 52, wherein a first pixel of said first plurality of pixels has a first shape, and wherein a second pixel of said second plurality of pixels has a second shape.
61. (New) The multi-component display of Claim 52, wherein a first pixel of said first plurality of pixels has a border with a first curvature, and wherein a second pixel of said second plurality of pixels has a border with a second curvature.
62. (New) The multi-component display of Claim 52, wherein said first plurality of pixels comprises a first plurality of sub-pixels, and wherein said second plurality of pixels comprises a second plurality of sub-pixels.

63. (New) The multi-component display of Claim 62, wherein a first sub-pixel of said first plurality of sub-pixels has a first shape, and wherein a second sub-pixel of said second plurality of sub-pixels has a second shape.

64. (New) The multi-component display of Claim 62, wherein a first sub-pixel of said first plurality of sub-pixels has a border with a first curvature, and wherein a second sub-pixel of said second plurality of sub-pixels has a border with a second curvature.

65. (New) The multi-component display of Claim 52, wherein said first plurality of pixels comprises a first plurality of color filters arranged in a first pattern, and wherein said second plurality of pixels comprises a second plurality of color filters arranged in a second pattern.